



National Weather Service

Storm Data and Unusual Weather Phenomena



August 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>WISCONSIN, Southeast</u>									
Sauk County La Valle	03	1635CST			0	0		4K	Hail (1.00)
Dodge County Clyman to 2 NE Lebanon	03	1645CST			0	0	20K	200K	Thunderstorm Wind
Sauk County Rock Spgs	03	1650CST			0	0		9K	Hail (1.75)
Sauk County 3 SE Loganville	03	1705CST			0	0	50K	240K	Hail (2.50)
Waukesha County Muskego	03	1725CST 1730CST			0	0	200K		Thunderstorm Wind
Dane County Blue Mounds	03	1740CST			0	0		7K	Hail (1.75)
Rock County Evansville	03	1815CST			0	0	1K		Thunderstorm Wind
Rock County Beloit	03	1830CST			0	0	1K		Thunderstorm Wind
Green Lake County Green Lake	03	1835CST			0	0		10K	Hail (3.00)
Green Lake County Markesan	03	1850CST			0	0	4K		Thunderstorm Wind (G51)
Dodge County Randolph	03	1925CST			0	0		2K	Hail (1.75)
Green Lake County 3 W Berlin to 2 SE Green Lake	03	2030CST 2045CST			0	0	1M	5M	Thunderstorm Wind
Walworth County East Troy	03	2110CST			0	0			Hail (1.00)
Racine County 2 SW Union Church	03	2115CST			0	0	500K		Thunderstorm Wind

Two rounds of severe thunderstorms struck southeast and south-central Wisconsin during the evening hours. The first round, consisting of short lines of storms moving southeast, produced scattered reports of damaging, powerful winds uprooting large trees, and large hail up to 3 inches in diameter. Northwest to northeast of Lebanon (Dodge Co.), a wet microburst blanketed the ground like snow with hail up to 1.75 inches in diameter. The accompanying powerful winds twisted and pushed over a cattle trailer, tipped over a corn crib, and shoved a hay wagon into the side of a home which damaged an exterior wall and window. In addition, a hay elevator was damaged and many local trees were uprooted. This microburst also extensively damaged or destroyed several corn fields. Another vicious storm generated damaging winds and large hail southeast of Loganville (Sauk Co.). Two homes sustained window and siding damaged by large hail up to 2.5 inches in diameter, which also damaged many cars. In addition, about 3500 acres of corn and soybean fields were extensively damaged or destroyed. Upstream in Rock Springs (Sauk Co.), measured 60 mph winds accompanied hail up to golf ball size. Also hard hit was southeast Waukesha County where a wet microburst swept across Little Muskego Lake and then raked the south shore of the lake. Destructive winds, estimated at 70 to 80 mph, uprooted many trees on the south shore, flipped over boats, damaged a peer, and tore shingles off roofs. Fallen trees with this storm damaged 4 homes, 2 businesses, and 2 vehicles. Hail up to 1.75 inches in diameter accompanied the Muskego microburst.

The second round of scattered severe storms occurred 2 to 3 hours later in the evening. Once again, damaging winds toppling large trees, and large hail were reported. The northeast 1/3 of Green Lake County was hard hit by a powerful wet macroburst that tore southeast from west of Berlin to southeast of the village of Green Lake. Winds were measured at 70 mph just south of Berlin while visibilities were down to only a few yards in torrential rains. About 105 farms were affected by either property (barns, silos, hog houses) damage, or crop damage (28,000 acres and \$5.0 million in damage). Dozens of homes were damaged by felled trees/limbs or hail up to 2 inches in diameter, and dozens of vehicles sustained tree or hail damage. The number of power poles and lines that were downed by the winds and fallen trees was so great that it took utility crews 20 hours to restore power to eastern Green Lake County customers.



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					Killed	Injured	Property	Crops	

WISCONSIN, Southeast

Columbia County

Lodi	04	1215CST 1245CST			0	0			Urban/Sml Stream Fld
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Columbia County

Lodi	04	1225CST			0	0	1K		Thunderstorm Wind
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Dane County

Dane	04	1235CST			0	0	0.50K		Thunderstorm Wind (G56)
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Dane County

Madison	04	1300CST 1330CST			0	0			Urban/Sml Stream Fld
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Typical summer weather events of isolated tree and power line damage affected south-central Wisconsin as early afternoon thunderstorms rumbled through the area. Heavy rains caused urban street flooding near Lodi (Columbia Co) where 5 to 6 inches of standing water was reported at the intersection of highways 113 and 60, and on the UW campus in Madison, (Dane Co) where water was reported over the curbs.

Fond Du Lac County

1 W Marytown	16	1355CST			0	0	20K		Lightning
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Lightning struck the kitchen corner of a home... igniting a fire which extensively damaged the kitchen. Smoke damage to the rest of the house was also noted.